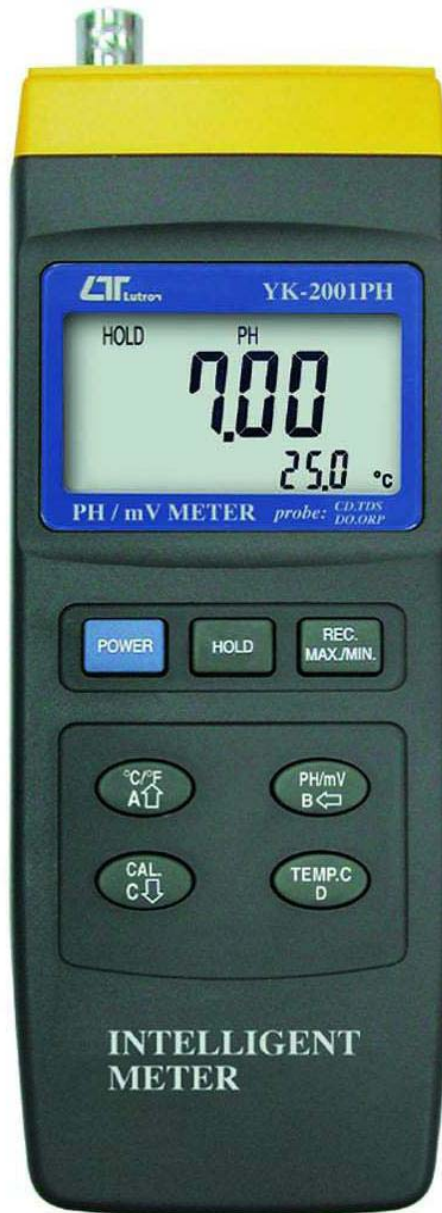


# INTELLIGENT PH METER

Model : YK-2001PH

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC



*The Art of Measurement*

# INTELLIGENT PH METER

Model: YK-2001PH

FEATURES	
* Master meter is a professional pH/mV meter with pH & mV measuring function.	* Record maximum and minimum readings.
* Microprocessor circuit assures maximum possible accuracy.	* Data Hold, °C/°F, RS232 computer interface
* Optional expandable plugs satisfy your different measurement demands one time on Conductivity, TDS (Total Dissolved Solids), Dissolved Oxygen, ORP, pH measurement.	* Auto shut off saves battery life. Built-in low battery indicator.
* Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, school and college.	* Auto (optional probe) / manual (built-in) temperature compensation function enables accurate measurement on different solutions.
	* Heavy duty & compact housing case designed
	* pH function with high input impedance avoids measuring error.
	* Patented in Taiwan, Germany, China, Patent Pending in USA.

GENERAL SPECIFICATIONS				
Circuit	Custom one-chip of microprocessor LSI circuit.		Data Record	Record Max. Min. reading values on the display.
Display	Dual function meter's display, 13 mm ( 0.5" ). Super large LCD display.		Data Output	RS232 PC serial interface.
Measurement	pH	0 -14 pH	pH electrode	Any combination pH electrode with BNC connector.
	mV	1999 mV		
Calibration for pH	One button calibration. Calibrate pH 7, pH 4, and pH 10 by push button.		Operating Temperature	0 - 50 °C ( 32 - 122 °F ).
Input Impedance	10 12ohms.		Operating Humidity	Less than 80% RH.
Temperature Compensation for pH measurement	Manual	0 - 100 °C.	Sampling Time	Approx. 0.8 second
	Automatic	With the optional Temp. probe (YK-200ATC), 0-65 °C.	Power Supply	* 006P DC 9V, MN1604 (PP3) battery or equivalent. * Alkaline or heavy duty type.
Power off	Auto shut off saves battery life or manual shut off by push button.		Weight	250 g/ 0.55 LB.
Data hold	To hold the reading values on display.		Size	195x68x30 mm (7.6x2.6x1.2 inch).
Intelligent functions and Optional Accessories	1. The instrument can plug in the optional Conductivity and TDS probe ( YK-200PCT ) Conductivity probe ( YK-200PCD ) Dissolved Oxygen probe ( YK-200PDO ) to become a professional Conductivity meter, TDS (Total Dissolved Solids) meter, and Dissolved Oxygen meter. When change a new probe, no calibration procedures are required to be done. 2. The instrument has mV (millivolt) function to work with ORP probe ( ORP-04, optional ) to be a professional ORP meter or any other precise mV measurement.		Standard Accessories	Instruction manual.....1 PC.

ELECTRICAL SPECIFICATIONS ( 23± 5°C )		
Measurement	PH	mV
Range	0 to 14 pH	± 1999 mV
Resolution	0.01 pH	1 mV
Accuracy	± ( 0.02 pH + 2d )	± ( 0.5% + 2d )

OPTIONAL PH ELECTRODES & OTHER ACCESSORIES			
PE-03	pH Electrode, 1 - 13 pH.	YK-200PATC	ATC probe, 0 - 65 °C.
PE-11	pH Electrode, 1 - 13 pH.	SW-U801-WIN	Software for data logging.
PE-01	pH Electrode, 0 - 14 pH.	UPCB-02	RS232 cable for data transmission.
PE-04HD	Spear Tip pH Electrode, 0-14pH.	Data Logger	Memorize 7999 set data,
PE-06HD	Spear Tip pH Electrode, 1-13pH.	DL-9601	sampling time preset from 1 sec to 99 hours, battery power.
ORP-14	ORP probe, 1999mV.		
YK-200PCT	CD/TDS probe, 20 mS/20,000 PPM.	CA-06	Hard Carrying Case. ( 280 x 195 x 65 mm ).
YK-200PCD	CD probe, 2/20 mS.		
YK-200PDO	Oxygen probe, 0-20 mg/L.		

\* Appearance and specifications listed in this brochure are subject to change without notice.

510-YK2001PH